

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number
WO 2005/000321 A1

(51) International Patent Classification⁷: **A61K 31/715**,
A61P 17/02

(21) International Application Number:
PCT/EP2004/051209

(22) International Filing Date: 23 June 2004 (23.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
MI2003A001291 25 June 2003 (25.06.2003) IT

(71) Applicant (for all designated States except US): **RICER-
FARMA S.r.l.** [IT/IT]; Via Egadi 7, I-20144 MILAN (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MACCHI, Franco**
[IT/IT]; Via Caravaggio 14, I-21049 TRADATE (IT).

(74) Agent: **GERVASI, Gemma; NOTARBARTOLO & GER-
VASI S.p.A.**, Corso di Porta Vittoria 9, I-20122 MILAN
(IT).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

Published:

— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF HYALURONIC ACID FOR PREPARING COMPOSITIONS FOR TREATING ORAL CAVITY APHTHAS

(57) Abstract: Use of hyaluronic acid as the sole active ingredient for preparing compositions in particular for topical use for treating oral cavity aphthas.



WO 2005/000321 A1